





Question 2 be auge it is denjoyed for (mulature is 2B  $\frac{\lambda}{2}$  piece =>  $\ell = \frac{\lambda}{2}$  piece =>  $\frac{\lambda}{2}$  =  $\frac{\lambda}{2}$  =  $\frac{\lambda}{2}$ tan(tt)=\$ 2 2(= open = 00 =)  $Z_{i\nu}$  ( \* prece) =  $Z_0$  .  $Z_0 + 0$  =  $Z_0$ That ream that Zin = Ze shorted & sho & > ten (pl) = tan (T) = 0 New situation is: 75-r Matched if 75= \ ZL.50 => 37 = == 112.5 D



